

Amendments to the Specification

Please replace paragraph [0013] at page 5 with following amended paragraph:

[0013] In patent document US 5,643,496, the process is modified to the extent that zinc sulfide ~~electroluminospheres~~ electroluminophores can be obtained that have a grain size smaller than 23  $\mu\text{m}$ , preferably 21  $\mu\text{m}$ , and which, by adjusting the temperature of the first firing process to between 1100 and 1190°C, preferably to 1160°C, allegedly reach the level of 25  $\mu\text{m}$  large ZnS electroluminescent materials regarding their attainable levels of brightness and half lives.

Please replace paragraph [0020] at page 8 with following amended paragraph:

A further advantage lies in the fact that, in addition to the grain sizes, the surface properties of the ZnS precipitation products can also be controlled via the specific selected precipitation conditions. This results in compact ZnS crystallites with a very low tendency to form agglomerates. These special morphological characteristics of the ZnS starting materials prepared according to this invention advantageously affect the grain structure and the performance of the resulting inventive ~~electroluminospheres~~ electroluminophores.